SAFETY DATA SHEET
MA644/650 EU ACTIVATOR

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME MA644/650 EU ACTIVATOR

PRODUCT NO. Z0082EU

SUPPLIER
ITW Plexus
Unit 3 Shipton Way
Express Business Park
Northampton Road
Rushden
Northants NN10 6GL
+44 (0)870 458 7588
+44 (0)870 458 9077
sales@itwplexus.co.uk

EMERGENCY TELEPHONE +44 (0)208 762 8322

2 HAZARDS IDENTIFICATION

May cause fire. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION R43. O;R7. N;R50/53.

ENVIRONMENT

The product contains a substance which is very toxic to aquatic organisms.

HUMAN HEALTH

The product is irritating to eyes and skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BENZOYL PEROXIDE	202-327-6	94-36-0	1-10%	E;R2 R43 Xi;R36
DIISOBUTYL PHTHALATE	201-553-2	84-69-5	30-60%	N;R50/53.
TEXANOL BENZYL PHTHALATE		16883-83-3	30-60%	-

The Full Text for all R-Phrases are Displayed in Section 16

4 FIRST-AID MEASURES

GENERAL INFORMATION

Do not breathe vapour. Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

INHALATION

Move the exposed person to fresh air at once. Contact physician if discomfort continues.

INGESTION

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Drink plenty of water. Get medical attention.

SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

EYE CONTACT

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention. Contact physician if irritation persists.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Fire can be extinguished using: Water spray, foam, dry powder or carbon dioxide.

SPECIAL FIRE FIGHTING PROCEDURES

Keep up-wind to avoid fumes. Cool containers exposed to flames with water until well after the fire is out. Avoid water in straight hose stream; will scatter and spread fire. Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

Avoid breathing fire vapours.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Warn everybody of potential hazards and evacuate if necessary. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid inhalation of spray mist and contact with skin and eyes. Remove sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Do not allow to enter drains, sewers or watercourses. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb spillage with non-combustible, absorbent material. Transfer to a container for disposal. Containers with collected spillage must be properly labelled with correct contents and hazard symbol.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded. Do not smoke, use naked flames or other sources of ignition. Keep away from heat, sparks and open flame. Avoid contact with skin and eyes. Do not breathe vapour. Do not eat, drink or smoke when using the product. Observe good industrial hygiene practices.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BENZOYL PEROXIDE	WEL		5 mg/m3			
DIISOBUTYL PHTHALATE	WEL		5 mg/m3			

WEL = Workplace Exposure Limit.

PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use protective gloves made of: Rubber or plastic.

EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

HYGIENE MEASURES

Keep away from food, drink and animal feeding stuffs. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product. Change work clothing daily before leaving work place.

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
ODOUR	Mild Esters		
BOILING POINT (°C)	>287	MELTING POINT (°C)	n/d
RELATIVE DENSITY	n/d 20 ºC	pH-VALUE, CONC. SOLUTION	<7 @ 20 ºC
VISCOSITY	25,000-35,000 cps 25	FLASH POINT (°C)	>93 Not noted.

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time. Heating will generate vapours which may form explosive vapour/air mixtures.

MATERIALS TO AVOID

Avoid contact with: Strong acids. Bases, alkalies (inorganic). Bases, alkalies (organic). Strong oxidising agents. Amines.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Vapours/gases/fumes of: Acids - organic.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50	>5, 000 mg/kg (oral rat)
TOXIC CONC. - LC 50	>22.4 mg/l/4h (inh-rat)

SKIN CONTACT

Irritating to skin. Risk of sensitisation or allergic reactions among sensitive individuals.

HEALTH WARNINGS

Prolonged exposure to the preparation may cause serious health effects.

TARGET ORGANS

Prolonged or repeated exposure may cause: May cause damage to the liver and kidneys. Respiratory system, lungs. Central nervous system.

Name	BENZOYL PEROXIDE
Toxic Conc. - LC 50	>22.4 mg/l/4h (inh-rat)
Name	DIISOBUTYL PHTHALATE
Toxic Dose 1 - LD 50	>5000 mg/kg (oral rat)
Toxic Conc. - LC 50	>22.4 mg/l/4h (inh-rat)

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Avoid release to the environment. The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

MOBILITY

Do not discharge into drains, water courses or onto the ground.

DEGRADABILITY

Assessment of biological degradability (Closed-Bottle Test) 60 %.

WATER HAZARD CLASSIFICATION

WGK 2

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

WASTE CLASS

08 04 09

14 TRANSPORT INFORMATION

GENERAL: The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

ADR CLASS: Not classified for transportation.

MARINE POLLUTANT: No.

15 REGULATORY INFORMATION

LABELLING

Irritant

Dangerous for the environment

CONTAINS: BENZOYL PEROXIDE

RISK PHRASES

R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R7	May cause fire.

SAFETY PHRASES

S24/25	Avoid contact with skin and eyes.
S14	Keep away from acids, bases, reducing substances and heavy metals.
S36/37/39	Wear suitable protective clothing, gloves and eye/face protection.
S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

16 OTHER INFORMATION

REVISION DATE	19/09/2008
REV. NO./REPL. SDS GENERATED	8
DATE	01.02.2005

MA644/650 EU ACTIVATOR

RISK PHRASES IN FULL

NC	Not classified.
R2	Risk of explosion by shock, friction, fire or other sources of ignition.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.